

Amendments to the Claims

Claim 1 (Currently amended): An abrasive alloy comprising

a material  $AlMgB_x$  where X is present in an amount of from 5 wt. % to 30 wt. % and comprises a doping agent from the group consisting of Group III, IV, V elements and borides and nitrides thereof with a hardness over 20 GPa in combination with from about 5 vol. % to about 30 vol. % of a ductile binder phase of Co-Mn alloy.

Claim 2 (Cancelled)

Claim 3 (Currently amended): The abrasive alloy of claim 1 wherein the ductile binder phase is present in an amount of from about 10 vol. % to about 20 vol. % of a ductile binder of Co-Mn alloy.

Claim 4 (Currently amended): The abrasive alloy of claim 1 wherein the ductile binder phase of Co-Mn alloy ranges from Co-5% (atomic) Mn alloy to Co-45% (atomic) Mn alloy 5% to 45% Mn on an atomic weight basis.

Claim 5 (Currently amended): The abrasive alloy of claim 4 wherein in the ductile binder phase of Co-Mn alloy Mn is present in an amount of ranges from Co between 17% (atomic) Mn alloy to Co-38% (atomic) Mn alloy.

Claims 6-13 (Cancelled)